

3.3.89
12.38 v.4



March 3, 1989

Ashgrove Cement West, Inc.
3801 E. Marginal Way South
Seattle, WA 98134

Attention: Ken Rone

Re: Bag Plant Remodel
Electrical Inspector

Dear Ken,

I wanted to let you know about a problem that came up yesterday during a site visit by our electrical inspector, Russ Bath. He raised several design issues that we are relaying to you and Mark Wirf. Since he did not pass the installation because of this, it will probably delay our scheduled shutdown. The things he brought up are as follows:

1. The 2000 amp switchboard has a ground fault interrupter attached to the Main Disconnect. He says that this ground fault device needs to be field tested. This test is included with the cost of the gear by the manufacturer, in addition to the factory calibration of the equipment. I question the need for it since it is a subfeed and not part of the main service.
2. The conductor distance between the 1500 KVA transformer and the 2000 amp switchboard is about 60 feet. Mr. Bath feels that this is a separate service and claims that Washington State Code only allows 15 feet of service conductors inside the building. To pass the installation he would require that we encase about 20 linear feet of pipe. I disagree with him since again this is not a service but a subfeed, and I am not aware of a tap rule requirement for this situation.
3. Transformer BTPI1 is 112 KVA with a delta primary and delta secondary. Mr. Bath says that special permission is required for an ungrounded delta secondary of this type. I feel that since the plans were submitted and approved by the electrical plans examiner, and since this is an industrial application, that this type of secondary would be acceptable.

USEPA SF



1261477

This probably will delay our scheduled outage since we will need all of these things resolved including the test (if truly needed) by Wednesday, March 8. Mike spoke with Mark this morning, and he will try to contact the inspector this afternoon.

If there are any questions, don't hesitate to call.

Sincerely,

Bobby W. Witby
Bob Witby

cc: Mark Wirf

ashgrve4.179

ashgrve3.179